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| **DR. MERVIN EALIYAS MATHEWS**  S6, Sree Krishna Dhaam Apartment  Plot No. 244-245, 8th Cross Street  Mangala Nagar, Porur  Chennai, Tamil Nadu  Pin: 600116  Mob: (+91)-9020455777; (+91)-9037535769 Email: [mervi.567@gmail.com](mailto:mervi.567@gmail.com) |  |

**Career Objective**

*“To secure a position in a respected organisation where my abilities, experience, and expertise can be utilised to drive the organisation’s growth and success while promoting my professional development.”*

**Educational Qualification**

* **Doctor of Philosophy (PhD) in Civil Engineering**

**Karunya Institute of Technology and Sciences, Coimbatore**

2019-2022 | CGPA: 8.00

Thesis Title: *Investigation on residual mechanical properties and improving the post-fire performance of self-compacting concrete exposed to elevated temperature.*

* **Master of Technology (M.Tech) in Computer-Aided Structural Engineering**

**KMEA Engineering College, Ernakulam**

Mahatma Gandhi University, Kottayam

2012-2014 | CGPA: 7.33

Thesis Title: *Thermo-structural Analysis of Rectangular Plates.*

* **Bachelor of Engineering (B.E.) in Civil Engineering**

**Vinayaka Missions Kirupananda Variyar Engineering College, Salem**

Vinayaka Missions University

2008-2012 | Percentage: 63.5%

* **H.S.C in Computer Science**

S N D P Yogam Higher Secondary School, Kollam

Board of Higher Secondary of Kerala

2005-2007 | Percentage: 65.2%

* **S.S.L.C**

**M G D High School for Boys, Kollam**,

Kerala State Board (General Education Department, Kerala)

2005 | Percentage: 75%

**Professional Experience**

* **Associate: Content Management** in L&T EduTech, Larsen & Toubro Limited, Chennai April 2022 - Present
* Develop and manage technical content for assessments.
* Collaborate with subject matter experts to ensure the accuracy and relevance of course content.
* Utilise content management systems to upload and organise assessment content.
* Carry out quality checks and revisions to ensure assessment content meets industry standards.
* Conduct item analysis and evaluations to improve content quality and delivery.
* **Assistant Professor** in the Department of Civil Engineering, St. Thomas College of Engineering, Chengannur December 2020 - April 2022
* Delivered lectures and led discussions on various topics related to civil engineering.
* Developed course materials, including syllabi, lesson plans, and assignments.
* Conducted research and published academic papers in relevant journals.
* Mentored and advised students on academic and career matters.
* Participated in departmental meetings and contributed to curriculum development.
* **Assistant Professor** in the Department of Civil Engineering, Mar Baselios Christian College of Engineering and Technology, Peermade June 2018 - December 2020
* Taught courses in civil engineering and related disciplines.
* Conducted research and published academic papers in relevant journals.
* Mentored and advised students on academic and career matters.
* Developed course materials and participated in curriculum development.
* Involved in various institute-level committees for academic, accreditation and consultancy projects.
* **Business Development Manager** in Ocimum Botanicals Pvt. Ltd, Ernakulam January 2018 - July 2018
* Conducted market research and analysis to identify potential clients and business opportunities.
* Developed and implemented marketing strategies to promote company products and services.
* Established and maintained relationships with key clients and partners.
* Negotiated contracts and deals with clients and suppliers.
* **Assistant Professor** (Adhoc) in the Department of Civil Engineering, College of Engineering, Perumon, Kollam (CAPE) August 2017 - April 2018
* Delivered lectures and led discussions on various topics related to civil engineering.
* Developed course materials, including syllabi, lesson plans, and assignments.
* Conducted research and published academic papers in relevant journals.
* Mentored and advised students on academic and career matters.
* Participated in departmental meetings and contributed to curriculum development.
* **Project Engineer** in Specialized Engineering Trading & Contracting Company (SETCO), Salalah, Sultanate of Oman January 2017 - June 2017
* Assisted in the design and construction of infrastructure projects for Salalah Methanol Company.
* Conducted site inspections and surveys to ensure project compliance with specifications and regulations.
* Prepared project reports and documentation.
* Coordinated with clients, contractors, and suppliers.
* Managed project budgets and timelines.
* **Assistant Professor** in the Department of Civil Engineering, Jai Bharath College of Management and Engineering Technology, Ernakulam March 2015 - December 2016
* Delivered lectures and led discussions on various topics related to civil engineering.
* Developed course materials, including syllabi, lesson plans, and assignments.
* Conducted research and published academic papers in relevant journals.
* Mentored and advised students on academic and career matters.
* Participated in departmental meetings and contributed to curriculum development.
* **Assistant Professor** (Adhoc) in the Department of Civil Engineering, College of Engineering, Perumon, Kollam (CAPE) January 2015 - March 2015
* Delivered lectures and led discussions on various topics related to civil engineering.
* Developed course materials, including syllabi, lesson plans, and assignments.
* Conducted research and published academic papers in relevant journals.
* Mentored and advised students on academic and career matters.
* Participated in departmental meetings and contributed to curriculum development.

**Academic Experience: 5 Years 1 Months**

**Industrial Experience: 1 Year 7 Months**

**Total Experience: 6 Years 8 Months**

**Research Publications**

1. **“Evaluation of the Rheological and Durability Performance of Sustainable Self-Compacting Concrete”** in the Sustainability, MDPI **[IF: 3.889]**.
2. **“IoT-based BIM Integrated Model for Energy and Water Management in Smart Homes”** in the Intelligent Edge Computing for Cyber-Physical Applications, Elsevier **[Scopus]**.
3. **“Axial Compressive Behaviour of Reinforced Self-Compacting Concrete Columns with Protective Coating Exposed to Standard Fire”** in the Engineering Structures, Elsevier **[IF: 5.582]**.
4. **“****Effect of Cover Thickness on Flexural Behaviour of Conventional and Self Compacting Concrete Beams Subjected to Elevated Temperature”** in the Materials Today: Proceedings-Elsevier **[Scopus]**.
5. **“Flexural Behavior of Reinforced Concrete Beams with FRP Bars Exposed to Elevated Temperature”** in the Periodica Polytechnica Civil Engineering **[IF: 1.717]**.
6. **“Investigation on Improving the Residual Mechanical Properties of Reinforcement Steel and Bond Strength of Concrete Subjected to Standard Fire Exposure”** in the Case Studies in Construction Materials, Elsevier **[IF: 4.934-Under Review]**.
7. **“Effect of Elevated Temperature on Interfacial Shear Transfer Capacity of Self-Compacting Concrete”** in the Case Studies in Construction Materials, Elsevier **[IF: 40934]**.
8. **“Post-fire Behaviour and Improving the Performance of Hot Rolled Open Sections Subjected to Standard Fire Exposure”** in the Case Studies in Construction Materials, Elsevier **[IF: 4.934]**.
9. **“Influence of Light Weight Plaster on Improving the Performance of Masonry Prisms Exposed to Standard Fire”** in the Fire and Materials, Wiley **IF: 2.407]**.
10. **“Effect of elevated temperature on Stress-Strain behaviour of Self-Compacting concrete”** in the Materials Today: Proceedings- Elsevier **[Scopus]**.
11. **“Flexural behavior of fire damaged self-compacting concrete beams strengthened with fiber reinforced polymer (FRP) wrapping”** in the Journal of Structural Fire Engineering, Emerald **[Scopus]**.
12. **“Influence of mineral admixtures on the residual mechanical properties and durability characteristics of self-compacting concrete subjected to high temperature”** in the Australian Journal of Civil Engineering, Taylor & Francis **[Scopus]**.
13. **“Structural response of self-compacting concrete beams under elevated temperature”** in the Materials Today: Proceedings- Elsevier **[Scopus]**.
14. **“Effect of high-temperature on the mechanical and durability behaviour of concrete”** in Materials Today: Proceedings- Elsevier **[Scopus]**.
15. **“Investigation on Crack Control and Crack Pattern Analysis of Self-compacting Concrete Exposed to Standard Fire Exposure”** in the International RILEM Conference on Early-Age and Long-Term Cracking in RC Structures. CRC 2021. RILEM Book series, vol 31, 127-139, Springer **[Scopus]**.
16. “**Investigation on Bond strength of Self-Compacting Concrete Exposed to Elevated Temperature”** in the Proceedings of the Institution of Civil Engineers-Structures and Buildings, 1-38 **[IF: 1.171]**.
17. **“Effect of high-temperature on the mechanical and durability behaviour of concrete”** in the Materials Today: Proceedings- Elsevier 42 (2), 718-725 **[Scopus]**.
18. **“Modelling the thermal behaviour of GFRP reinforced concrete beams subjected to elevated temperature by standard fire exposure”** in the Journal of Physics: Conference Series 1706 (1), 012112 **[Scopus]**.
19. **“Influence of Mineral Admixtures on Impact Strength of Self-Compacting Concrete under Elevated Temperatures”** in the IOP Conference Series: Materials Science and Engineering 872 (012111), 1-8 **[Scopus]**.
20. **“Rheological and Mechanical Characterisation of Self-Compacting Concrete with Utilisation of Supplementary Sustainable Cementitious Materials”** in the IOP Conference Series: Earth and Environmental Science 491 (012037), 1-10 **[Scopus]**.
21. **“Versatility at its Best: An Integrated Review on Development of Self Compacting Concrete”** in the International Journal of Scientific & Technology Research Vol. 8 Issue: 10, October 2019, pp 513-519 **[Scopus]**.
22. **“Study of Structural Behaviour of RC Slender Beams”** in the International Journal of Engineering Trends and Technology Vol. 39 Issue: 02nd September 2016.
23. **“Study on Stability of Isotrussed Grid Wind Turbine Tower”** in International Journal of Engineering Research & Technology Vol.5 Issue 08, Aug 2016, pp 597-601.
24. **“Thermal-Static Structural Analysis of Isotropic Rectangular Plates”**. IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)*,* Volume 11, Issue 5 Ver. II (Sep- Oct. 2014), pp 36-45.

**International Conferences**

1. **“Effect of Cover Thickness on Flexural Behaviour of Conventional and Self-Compacting Concrete Beams Subjected to Elevated Temperature”** at SMPBE 2021: International Conference on Sustainable Materials and Practices for Built Environment, Manipal University, Jaipur, Rajasthan, India, November 25-26, 2021.
2. **“Effect of Cover on the Performance of Self-Compacting Concrete under Elevated Temperature”** at ICAPSM 2021: Second International Conference on Advances in Physical Sciences and Materials, SNS College of Technology, Coimbatore, Tamil Nadu, India, August 12-13, 2021.
3. **“Effect of Elevated Temperature on Stress-Strain Behaviour of Self-Compacting Concrete”** at 2021 Global Conference on Recent Advances in Sustainable Materials (GC-RASM 2021) held at A.J. Institute of Engineering & Technology, Karnataka, India during 29 - 30 July 2021.
4. **“Development and Strength Assessment of Sustainable High Strength Fiber Reinforced Concrete”** at 2021 Global Conference on Recent Advances in Sustainable Materials (GC-RASM 2021) held at A.J. Institute of Engineering & Technology, Karnataka, India during 29 - 30 July 2021.
5. **“Structural Response of Self-Compacting Concrete Beams under Elevated Temperature”** at 2021 Global Conference on Recent Advances in Sustainable Materials (GC-RASM 2021) held at A.J. Institute of Engineering & Technology, Karnataka, India during 29 - 30, July 2021.
6. **“Investigation on Crack Control and Crack Pattern Analysis of Self-Compacting Concrete Exposed to Standard Fire Exposure”** at the 2021 “International RILEM Conference on early-age and long-term crack width analysis in RC structures (CRC 2021), RILEM.
7. **“Effect of High-Temperature on the Mechanical and Durability Behaviour of Concrete”** at 2020 Second International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2020), Velalar College of Engineering and Technology, Erode, Tamil Nadu, India, November 20-21, 2020.
8. **“Modelling the thermal behaviour of GFRP reinforced concrete beams subjected to elevated temperature by standard fire exposure”** at ICAPSM 2020: First International Conference on Advances in Physical Sciences and Materials, SNS College of Technology, Coimbatore, Tamil Nadu, India, August 13-14, 2020.
9. Presented and published a paper titled **“Influence of Mineral Admixtures on Impact Strength of Self-Compacting Concrete under Elevated Temperatures”** at ICMSMT 2020: Second International Conference on Materials Science and Manufacturing Technology, Hotel Aloft, Coimbatore, Tamil Nadu, India, April 09-10, 2020.
10. **“Rheological and Mechanical Characterisation of Self-Compacting Concrete with Utilisation of Supplementary Sustainable Cementitious Materials”** at ICMSC 2019: 5th International Conference on Modeling and Simulation in Civil Engineering, T K M College of Engineering, Kollam, Kerala, India, December 10-13, 2019.
11. **“Development of High-Performance SCC using Perlite Minerals”** at the International Conference on Recent Trends in Construction Materials and Structures-2019 (ICON’19).
12. **“Zero energy concrete – A sustainable innovation”** in ICRACE 2K19 held at Karunya Institute of Technology and Sciences, Coimbatore.
13. **“Investigation of optimum position of different shapes of shear wall”** in RACE 2K16 held at Jai Bharath College of Engineering, Ernakulam.
14. **“Engineering Analysis of Rectangular Plates”** accepted at International Conference on Emerging Trends in Engineering & Management-2014 (ICETEM’14).

**Workshops/Seminars/Webinars/Courses Attended**

* Completed an online course on **“Excel for Beginners”** through Great Learning in April 2023.
* Completed an online course on **“Foundations of Project Management”** authorised by Google through Coursera in May 2022.
* Participated in a 4-day short-term online SPARC course on **“Environmental Sustainability Assessment”** from 17 to 20th January 2022, organised by the Indian Institute of Technology, Madras.
* Participated in a webinar on **“Importance of Soil Investigation for Infrastructure Projects”** on 04th December 2021, organised by the Department of Civil Engineering, Presidency University, Banglore.
* Participated in a 7-days SERB Sponsored High-End Workshop (Karyashala), **“Experimental and Analytical Techniques for Evaluating the Seismic Strengthening Measures for Masonry Structures”,** from 22-October to 28- October 2021, organised by the Indian Institute of Technology, Patna.
* Participated in a 5-day “Online Certificate Course on **“Geospatial Inputs for Enabling Master Plan Formulation for AMRUT sub-scheme” from 11-October to 12- October 2021,** organised by the Indian Institute of Remote Sensing (IIRS) and Indian Space Research Organisation, Department of Space, India.
* Participated in a 5-day Online Faculty Development Program on **“Techniques for Disaster Management & Climate Change Adaptation Strategies”** from 06th to 10th September 2019 at MES College of Engineering Kuttippuram, Malappuram, in association with *APJAKTU*.
* Participated in the “**User Awareness Program on NDLI and NDLI Club**” held on 29th July 2021, organised by the NDLI Club of Mar Baselios Christian College of Engineering and Technology NDLI Club.
* Participated in an 18-day “Online Certificate Course on **“Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials” from 07-June to 24th June 2021,** organised by the Indian Institute of Remote Sensing (IIRS) and Indian Space Research Organisation, Department of Space, India.
* Participated in an 8-day Online Faculty Development Program on **“Geosynthetics for Ground Improvement”** sponsored by APJ Abdul Kalam Technological University and organised by the Department of Civil Engineering, SCMS School of Engineering and Technology from 18th May 2021 to 27th May 2021.
* Participated in a 3-day Online Faculty Development Program on **“Remote Sensing and GIS in Civil Engineering”** from 10th to 12th May 2021, sponsored by APJ Abdul Kalam Technological University and organised by the Department of Civil Engineering, Mar Baselios Christian College of Engineering and Technology, Peermade.
* Participated in a 5-day Online Faculty Development Program on **“Emerging Trends in Structural Health Monitoring Procedures”** from 19th to 23rd April 2021, organised by the Department of Civil Engineering, Toc H Institute of Science and Technology, Arakkunnam.
* Participated in the online International Webinar on **“Geopolymer Concrete”** on 09th April 2021, organised by the Department of Civil Engineering, SRM Institute of Science and Technology, Chennai.
* Participated in the Webinar on **“Hydrology of Wetlands”** on 08th March 2021, organised by the “Wetland Conservation Mission” of Karunya Institute of Technology and Sciences, Coimbatore.
* Participated in a 12-day Online Course on **“Satellite-based Navigation: A Journey from GPS to Mobile Phone Platform”** from 01st to 12th March 2021, organised by the Indian Institute of Remote Sensing (IIRS) and Indian Space Research Organisation, Department of Space, India.
* Participated in a 5-day Online Faculty Development Program on **“Strategic Civil Infrastructure”** from 23rd to 27th November 2020 at Visvesvaraya National Institute of Technology, Nagpur, in association with *AICTE Training and Learning (ATAL) Academy*.
* Participated in a 5-day Online Faculty Development Program on **“Professional Ethics”** from 10th to 14th August 2020, Organised by Providence College of Engineering, Chengannur.
* Participated in a 6-day Online Faculty Development Program on **“Research Avenues in Transport Engineering”** from 10th to 15th August 2020, Organised by Albertian Institute of Science and Technology, Ernakulam.
* Participated in the National Webinar on **“Project Proposals Preparation and Funding Opportunities”** on 30th July 2020, Organised by the Department of Civil Engineering in association with the Indian Society for Technical Education, Saintgits Chapter.
* Participated in the Webinar on **“ANSYS”** on 26th & 27th May 2020, Organised by AAA College of Engineering & Technology, Sivakasi.
* Participated in the Webinar on **“Demolition of Living Structures”** on 9th May 2020, Organised by Construction Philosophy.
* Participated in the Webinar on **“Construction Management Practices”** on 7th June 2020, Organised by Civil Abhyaas.
* Participated in the Webinar on **“Rethinking Innovation in Product Development”** on 23rd May 2020, Organised by AKGEC Skill Foundation, Ghaziabad.
* Participated in the Webinar on **“Design of Home Solar System”** on 11th May 2020, Organised by Sreepathy Institute of Management and Technology in association with Innovation & Entrepreneurship Development Centre (IEDC-KSUM), IEEE Student Branch of SIMAT & Institution’s Innovation Council (IIC).
* Participated in the Webinar on **“IT Service Management and Functions”** on 19th May 2020, Organised by Karunya Institute of Technology and Sciences, Coimbatore.
* Participated in the Webinar on **“Investigating Malicious Email”** on 12th May 2020, Organised by Karunya Institute of Technology and Sciences, Coimbatore.
* Participated in the International Webinar on **“Health Monitoring, Service Life Prediction, Repair and Rehabilitation of Structures”** from 8th to 10th May 2020, Organised by CSIR-Central Road Research Institute, New Delhi.
* Participated in the Webinar on **“Relevance of Makerspaces and the Maker Mindset to Higher Education”** on 29th May 2020, Organised by Vidyavardhaka College of Engineering, Mysuru.
* Participated in the Online Workshop on **“Recent Advances in Science and Technology of Concrete”** on 2nd May 2020, Organised by the Indian Institute of Technology, Madras.
* Participated in the Webinar on **“Cleaner Production Technology”** on 13th June 2020, Organised by M.A.M College of Engineering, Tiruchirappalli.
* Participated in a 5-day Online Faculty Development Program on **“Learning, Pedagogy and Effective Use of Case Methodology”** from 17th to 21st May 2020, Organised by ASM Group of Institutes and ASMA.
* Participated in the Web-based Workshop on **“Sustainability in Buildings and Built Environment as per NBC 2016”** on 12th June 2020, Jointly Organised by the Bureau of Indian Standards, New Delhi, The Ramco Cements Limited and Association of Structural & Geotechnical Consultants, Kerala.
* Participated in the Webinar on **“Higher Education Post Covid-19”** on 23rd May 2020, organised by Rungta (R1) Group of Institutions.
* Participated in a 5-day Hands-on Faculty Development Program on **“3D printing & Design”** from 02nd to 06th December 2019 at MES College of Engineering Kuttippuram, Malappuram, in association with *AICTE Training and Learning (ATAL) Academy*.
* Participated in a 5-day Hands-on Faculty Development Program on **“Robotics”** from 27th November to 1st December 2019 at Model Finishing School, Kerala Science and Technology Museum Campus, Thiruvananthapuram, in association with *AICTE Training and Learning (ATAL) Academy*.
* Completed an online course on **“The Fundamentals of Digital Marketing”** authorised by Google through Google Digital Garage in November 2019.
* Completed an online course on **“Applications in Engineering Mechanics”** authorised by Georgia Institute of Technology through Coursera in October 2019.
* Completed an online course on **“Introduction to Engineering Mechanics”** authorised by Georgia Institute of Technology through Coursera in September 2019.
* Completed an online course on **“AI from the Data Centre to the Edge – An Optimised Path Using Intel Architecture”** authorised by Intel AI in September 2019.
* Participated in 3 days Faculty Development Program on **“Security Aspects in Communication Systems”** from 22nd to 24th July 2019 at the College of Engineering, Perumon, Kollam, in association with Kerala Technological University.
* Participated in one day workshop on **“Sustainable Solid Waste Management Practices”** held at Mar Baselios Christian College of Engineering and Technology, Peermade, in association with Kerala Suchitwa Mission and Institution of Engineers on 07th November 2018.
* Participated in one day workshop on **“Construction Management in BIM”** held at Mar Baselios Christian College of Engineering and Technology, Peermade, conducted by BIMLABS on 13th October 2018.
* Participated in a two-day workshop on **“Advanced Surveying using Total Station”** held at Mar Baselios Christian College of Engineering and Technology, Peermade, in association with the ‘V’ institute on 05th & 06th October 2018.
* Participated in one day workshop on **“Design of Better Buildings with BIM”** held at KMA Hall, Ernakulam, conducted by BIMLABS on 29th September 2018.
* Participated in a two-day national workshop on **“Eco-Friendly Construction using Concrete”** held at Mar Baselios Christian College of Engineering and Technology, Peermade, in association with Kerala State Council for Science, Technology and Environment (KSCSTE) & Indian Concrete Institute, Kochi Centre on 13th & 14th September 2018.
* Participated in a two-day workshop on **“Safety, Health and Environment in Construction”** held at Builders Engineering College, Kangayam, in association with Builders Association of India and NICMAR on 19th & 20th July 2018.
* Participated in one day workshop on **“Quality Concrete Construction”** held at Flora Airport Hotel, Ernakulam, conducted by Indian Concrete Institute on 12th July 2018.
* Participated in a one-week AICTE sponsored Short Term Training Course on **“Biomechanics for Engineers”** conducted by TKM College of Engineering from 12th March 2018- 17th March 2018.
* Participated in two weeks ISTE Short Term Training Programme on **“Introduction to Structural Engineering”** conducted by IIT Kharagpur from 30th November 2015- 09th January 2016.
* Participated in a three-day FDP on **“Concepts of coaching”** by ICT Academy from 17-19 May 2016.

**Conferences/Seminars/Workshops/Courses Organised**

* Three-day Online Faculty Development Program on **“Remote Sensing and GIS in Civil Engineering”** from 10th to 12th May 2021, sponsored by APJ Abdul Kalam Technological University and organised by the Department of Civil Engineering, Mar Baselios Christian College of Engineering and Technology, Peermade.
* Two-day workshop on **“Advanced Surveying using Total Station**” held at Mar Baselios Christian College of Engineering and Technology, Peermade, in association with the ‘V’ institute on 05th & 06th October 2018.
* International Conference on **“Recent Advancement & Challenges in Engineering”** (RACE, 2016), held at Jai Bharath College of Engineering, Ernakulam, 1st October 2016.
* International Conference on **“Recent Advancement & Challenges in Engineering”** (RACE, 2015), held at Jai Bharath College of Engineering, Ernakulam, 3rd October 2015.

**Professional Memberships**

* Member in **“Institution of Civil Engineers (ICE-UK)”** – Membership No – 93596206
* Member in **“RILEM (Young Member)”** – Membership No – 37231
* Member in **“The Institution of Engineers (India)”** – Membership No – AM 1838388
* Member of **“Indian Concrete Institute”** – Membership No – 12319
* Open Researcher and Contributor ID (ORCID) – 0000-0003-0170-2138
* Registered Licensed Engineer, Govt. of Kerala – Reg. No.- E-9990/18/EA-3380/KLM
* Member in **“American Concrete Institute”** – Membership No – 1746991
* Member in “**American Society of Civil Engineers”** – Membership No – 000011868874
* Member in **“Institute of Research Engineers and Doctors”** – Membership No – AM 101000583891
* Member in **“International Association of Engineers”** – Membership No – 239802

**UG Project Supervision**

* Design of Water Supply Distribution Network using EPANET, April 2015.
* Sustainable Production and Optimisation of Plastic Bricks: A Review, April 2021.

**PG Project Supervision**

* Study on Stability of Isotrussed Grid Wind Turbine Tower, September 2016.
* Study of Structural Behaviour of RC Slender Beams, September 2016.
* Investigation of optimum position of different shapes of shear wall, October 2015.
* FE Analysis of RC Beam Reinforced with GFRP Bars subjected to Transient Temperature Curve, October 2015.

**Subjects Handled**

Engineering Mechanics, Introduction to Civil Engineering, Basics of Civil Engineering, Introduction to Sustainable Engineering, Design and Engineering, Design of Concrete Structures, Advanced Structural Design, Environmental Engineering, Water Resource Engineering, and Geotechnical Engineering.

**Laboratories Handled**

Material Testing Laboratory, Computer Application Laboratory, Civil Engineering Workshop, Geotechnical Engineering Laboratory, Computer Aided Civil Engineering Lab

**Software Skills**

**Documentation/Data Analysis**

* MS Office Suite
* Origin Pro

**Design/Drafting Packages**

* STAAD, STRAP, ETABS, ANSYS
* AutoCAD, Architectural Desktop, REVIT, ArchiCAD
* Primavera, MS-Project

**Language**

* C, C++, MATLAB, Mathcad (Mathematical Tool)

**Industrial Training**

1. Industrial training was undergone for three months at Willways Consultancy India (p) limited, Trivandrum, on the topic **“Analysis and Design of Residential Building”**.

2. Industrial training was undergone for 50 hours conducted at Vinayaka Missions Kiruppananda Variyar Engineering College, Salem, on the topic **“Soft Skills”** Hewlett-Packard (HP Invent).

**Personal Details**

Name : Mervin Ealiyas Mathews

Father’s Name : Ealiyas Mathew

Mother’s Name : Annamma G

DOB : 30th January 1990

Place of Birth : Kollam

Marital Status : Married

Sex : Male

Nationality : Indian

Languages Known : English, Malayalam, Hindi and Tamil

**Permanent Address**

St. George Bhavan, Charukad,

Chemmakkad P.O, Perinad, Kollam

Kerala,

India

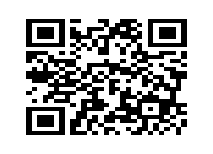
Pin: 691601

**Declaration**

***I hereby declare that the above details are true to the best of my knowledge.***

**Place: Kollam**

**Date: 09.04.2023** **Mervin Ealiyas Mathews**

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***0000-0003-0170-2138***